



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"Enriching Lives"*

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IN REPLY PLEASE

REFER TO FILE: **C-1**

January 13, 2004

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS  
SUPERVISORIAL DISTRICTS 1, 2, 4, AND 5  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000783 - Dominguez Gap Barrier Project, Phase 4A, Unit 7B, Part 2B, Cities of Carson, Long Beach, and Los Angeles (2 and 4), Mladen Buntich Construction Company, Inc., in amount of \$303,108.11.

Project ID No. RDC0014108 - Cal Poly Pomona Rehabilitation Project, vicinity of Pomona (1 and 5), Vance Corporation, in amount of \$20,144.86.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Honorable Board of Supervisors  
January 13, 2004  
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The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000783 and RDC0014108.

### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts are \$20,144.86 and \$303,108.11.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

### **CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

## CHANGE IN WORK (AUTHORIZE)

January 13, 2004

PROJECT ID NO. FCC0000783, DOMINGUEZ GAP BARRIER PROJECT, PHASE 4A, UNIT 7B, PART 2B (Cities of Carson, Long Beach, and Los Angeles),  
Supervisory Districts 2 and 4, Contractor: Mladen Buntich Construction Company, Inc.

### Project Description:

Construction of a water supply system, a compressed air system, a microfiltration treatment system, and an electrical system to service 34 injection wells currently under construction. The injection wells are an extension of the Dominguez Gap Barrier Project, which prevents the infiltration of seawater into groundwater aquifers.

### Changes in Work:

(1)	Assemble and Test Prototype Recharge Well	\$ 20,000.00
(2)	Realign Disposal Line	4,000.00
(3)	Reconstruct Connector Pipes	36,260.00
(4)	Cement Slurry Backfill	35,000.00
(5)	Microtunneling Delays and Extra Work	94,500.00
(6)	Additional Trench for Air-Vac and Flushout Lines	3,500.00
(7)	Increase Size of Air Service Line	3,000.00
(8)	Credit for Dewatering Operations	(62,598.00)
(9)	Provide Larger Size Pull Boxes	9,415.11
(10)	Realign Waterline	4,981.00
(11)	Install Shut-off and Isolation Valves	<u>155,050.00</u>
	Total	<u>\$303,108.11</u>

### Description of Changes:

(1) Your Board previously approved a change in work to assemble and test one complete prototype recharge well. The cost for this work will exceed the original estimate by the amount shown.

(2) During installation of the 10" disposal line, the contractor encountered an 8" sewer that was not shown on the plans. In order to avoid the sewer, it will be necessary to realign the 10" disposal line.

(3) During installation of the disposal lines and waterlines, the contractor encountered five interfering storm drain connector pipes. In order to install the disposal lines and waterlines per plan, it will be necessary to realign the connector pipes.

(4) In order to protect the 6" stainless steel air service line from corrosion, it will be necessary to install cement slurry backfill in all open trench sections. This work is not shown on the plans.

(5) During microtunneling operations, the contractor encountered soil conditions that differed from those indicated in the plans and specifications. In order to continue the microtunneling operations, it was necessary for the contractor to provide more powerful microtunneling equipment. The amount shown reflects the costs for delays and extra work resulting from the changed conditions.

(6) It will be necessary to relocate portions of the air-vac and flushout lines, resulting in additional trenching. This work is not shown on the plans.

(7) It will be necessary to install a 2" air service line in lieu of the 1" line that is shown on the plans.

(8) Due to high levels of selenium in the collected groundwater, the cost of treating the groundwater exceeds the amount it would cost to haul the water to an off-site location. Therefore, the groundwater will be disposed of off-site, resulting in a credit to the contract in the amount shown.

(9) In order to accommodate conduits for fiber optic cables, it will be necessary to increase the size of pull boxes at 17 locations.

(10) In order to avoid an existing 8" nitrogen line and contaminated soil, it will be necessary to realign the 30" waterline at several locations.

(11) It will be necessary to install shut-off and isolation valves in both the waterline and air lines for future maintenance purposes. This work is not shown on the plans.

The costs for Items 1, 2, 3, 6, 7, 11, and a portion of the cost for Item 8 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 4, 5, 9, and portions of the costs for Items 8 and 10 were negotiated as provided in Subsection 3-2 of the contract specifications. The balances of the costs for Items 8 and 10 will be based on contract unit prices.

Two additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$11,845,221.00
Changes in work previously approved by the Board	108,327.10
Changes in work to be authorized	<u>303,108.11</u>
Revised contract amount	<u>\$12,256,656.21</u>

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CHANGE IN WORK (AUTHORIZE)  
January 13, 2004

PROJECT ID NO. RDC0014108, CAL POLY POMONA ROAD REHABILITATION  
PROJECT (in the vicinity of Pomona), Supervisorial Districts 1 and 5,  
Contractor: Vance Corporation

Project Description:

Reconstruction of roadway pavement, curb, and gutter; installation of chainlink fence, striping, and pavement markings; and modification of traffic signals.

Changes in Work:

(1) Variations in Bid Quantities	\$ 2,661.13
(2) Relocate Street Light	4,463.07
(3) Repair and Lower Conduit	4,316.23
(4) Increase SWPPP Allowance	4,498.43
(5) Remove Corrugated Metal Pipe	2,000.00
(6) Remove Traffic Striping	<u>2,206.00</u>
Total	<u>\$20,144.86</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Your Board previously approved a change in work to relocate a street light that interferes with the proposed roadway. The cost for this work will exceed the original estimate by the amount shown.

(3) Your Board previously approved a change in work to repair and lower an unmarked traffic signal conduit that was damaged during excavation for the new roadway. The cost for this work will exceed the original estimate by the amount shown.

(4) For this project, the contract provided an allowance of \$10,000.00 to implement the Storm Water Pollution Prevention Plan (SWPPP). The cost to completely implement the SWPPP will exceed the allowance by the amount shown.

(5) During construction, the contractor encountered a corrugated metal pipe that was not shown on the plans. It will be necessary to compensate the contractor for the cost to remove the pipe.

(6) In order to provide proper traffic control, it will be necessary to remove more traffic striping than required by the plans.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 through 5 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 6 was negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,409,942.70
Changes in work previously approved by your Board	34,068.45
Changes in work to be authorized	<u>20,144.86</u>
Revised contract amount	<u>\$1,464,156.01</u>

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